

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB



An ARRL Special Service Club

June 1990

Next Meeting June 13, 1990

Eagle II Space Journey

By Paul, WB7BBG

Fifth grade students at Echo Shaw School and their teacher, Shannon Brown, have been studying about the space program and the U.S. astronauts. As they did last year, they made plans for a simulated space shuttle flight - April 17, 1990 - lift-off at 1545 UTC (0845 PDT). All members of the class met in the cafeteria at 1430 UTC for a space breakfast (oatmeal in a plastic squeeze bag) followed by a video on space flight. The student body assembled to say the Pledge of Allegiance and then watched as the eight students chosen as astronauts boarded the space vehicle EAGLE II (a vintage Dodge van) for a faultless lift-off.

The other class members participated from MISSION CONTROL (the 5th grade room). All astronauts and the mission control personnel were in frequent contact by 2 meter amateur radio.

The astronauts took a 20 minute space walk (limited by their oxygen supply) on Verbotian Planet where they collected biological (pond water) and geological samples, then continued on the voyage for docking at Tek Base at 1630.

After a scientific lecture by Mr. Jones (use of clothing such as caps, masks, and gowns for a clean dust-free work area) the astronauts re-boarded the spaceship for the return voyage. The return trip was an opportunity to eat space rations (candy bars, etc). Touchdown at Echo Shaw at 1718 UCT was wildly applauded by the entire crew from mission control.

Two-way radio communications between mission control (Bob, WA9KJU) and EAGLE II (Paul, WB7BBG) were on 147.40 FM simplex with the 147.32 R available as back-up. During a critical maneuver we had to use a relay station (Ron Brown, KD7US) who had been secretly monitoring our frequency.

Communications co-ordinator (Ray Deeth, K7VDQ) says, "Come fly with us next year".

Next Up, Field Day

By Ray Deeth, K7VDQ

The OTVARC general meeting, to be held on June 13, 1990, will be dedicated to planning, training and answering any questions the membership has concerning FIELD DAY. If you are afraid to participate or ask questions at this meeting, then plan a visit to SUNSET PARK, Banks, Oregon, June 22-24, 1990. Every effort is being made to provide training for any Noivces who need help to further understand Amateur Radio or needs the operating experience. What an opportunity to receive first hand technical help as well as operating time! Of course this training is for anyone - a new Ham or someone who wants technical assistance - that is struggling in the technical area of building their Ham station.

It may be work during the daylight hours, but the evening social hours among fellow HAMS is were you can discuss your troubled areas of Ham radio or just swap lies over a beer or wine. Weather permitting, one could experience a beautiful sunset at SUNSET PARK.

You can find Sunset Park by driving west of Portland on Route 26 to Tillimook highway #6. West on highway #6 to the Banks exit, left on highway 47 (North) to the park. Very easy to find, Dave!

INFORMATIONAL HIGHLIGHT OF BANKS, OREGON.

An Oregon map will bring you into Banks, Oregon, which is famous for its annual BBQ and Tractor Pull held every third week end in August. August 18-19, 1990, are the dates to remember to enjoy a BBQ, childrens grease pole event, arm wrestling and a public dance Saturday evening. Then on Sunday you will see vintage tractors to today modern ones pull sleds of heavy weights for prizes. Courtesy of your Banks Chamber of Commerce!!

June 13 OTVARC Meeting

Beaverton Elks Club, Beaverton, Oregon

Buffet Dinner at 6:15 P.M.

Meeting begins at 7:00 P.M.

Words from the President

By Ray Deeth, K7VDQ

I wish to remind all members to think of a fellow OTVARC member (Jim Ziegler KA7TAC) who is seriously ill at Meridian Park Hospital, Tualatin, Oregon. Our prayers to you Jim for a speedy recovery.

At the beginning of this new decade, it was suggested to leave behind all the bad things and begin thinking and practicing good habits instead. Strong commitments by everyone to create new changes in the club is invaluable toward improving the quality of service and programs of the club.

If you have been too busy for club participation up-to-now, take a short drive to Field Day at Sunset Park, Banks, Oregon, for a relaxing time among people who volunteer many hours to a rewarding hobby.

The percentage of members attending the SEA/PAC convention is rather low. As a health magazine stated, "Exercising for good health and a fit body makes a big difference in how you feel about yourself and the world." Therefore, a suggestion is being made to start exercising a commitment to give some time toward the biggest HAM FAIR in the Northwest at Seaside.

When you offer this valuable assistance, the rewards will pay off with great feelings of yourself and of the club. Remaining silent will not promote the Amateur Radio Society. Our hobby is communications. Aw, come on now...the hardest part is communicating. Resolve to begin volunteering this week. You'll be surprised what rewards are forthcoming when involving yourself with dedicated volunteers.

Off my soap BOX!! Please give me a call if I can give some time in the OTVARC booth at SEA/PAC where we can share with other HAMS the many successes of this club. Be proud of your RED jacket and show it off in the booth by helping and answering conventioners' questions during the week end.

Boy Scouts Learn About Ham Radio

By Jeff Durr, KA7AKU

On May 19, several hundred Boy Scouts of the Sunset Trail District received a demonstration on ham radio and what it can do.

Seven members of OTVARC spent a mostly sunny Saturday at the Scouts' district camp-o-ree running HF and 2 meter contacts, showing how to use the radios and

explaining radio theory.

Participating in the demonstration were: Bob Orr (WF7Q), John Ewing (K7SHC), Jim Schaeffer (KB7ADH), Randy Stimson (KZ7T), Jeff Durr (KA7AKU), Ken Hart (N7JAS), Don Kinney (WA7JRT) and Machiko O'Sullivan.

Scouts and adult leaders of all ages were fascinated by radio magic as Scouts at another camp-o-ree in California were contacted on 10 meters using the beam antenna on the club trailer and a HF rig set up on a card table.

Randy, KZ7T, wore out the dialer in his 2 meter rig running the phone patch on the 147.32 repeater to let the scouts call 'Mom' at home. The first words the mother always said was 'What's wrong?'

HAM RADIO HISTORY

- 4 Billion BC - Earth is a swirling ball of flaming gases. Propagation is extremely poor.
- 1 Billion BC - First dry land appears. It is divided up into squares. County Hunters Club formed.
- 500 Million BC - Second patch of dry land appears. First DXpedition. Credit disallowed because of questionable licensing agreement.
- 400 Million BC - Flowering plants and grasses evolve. Telrex invents first beam antenna but sales area slow because of lack of suitable structures.
- 300 Million BC - First tree appears. It is immediately cut down, stripped of branches, placed in a concrete base and named a telephone pole. Telrex sells first beam.
- 200 Million BC - Second beam sold by Telrex. Installer falls from top of pole. First safety belt sold.
- 100 Million BC - First mountain appears. Repeater invented.
- 50 Million BC - It is decided by WARC that "seek you" is too cumbersome to send on CW, so abbreviation "CQ" is adopted.
- 4 Million BC - Humans replace swine as dominant species. The name "Ham Operator" hangs on, however.
- 3 Million BC - Dugout canoe invented. Maritime Mobile Net formed on 14.313 MHz.
- 2 Million BC to 800 AD - Nothing much happens for a long time.
- 900 AD - Chinese invent gun powder. BY1AA is first "Big Gun" DXer.
- 1790 AD - Ben Franklin invents long wire receiving antenna. Ground switch invented.
- 1961 AD - Second repeater erected. First repeater group refuses to change frequency. First frequency coordinator appointed.
- 1990 AD - Amateur radio humor sinks to a new low.....

Published in the Spring 1990 Handi-Hams Newsletter, originally appeared in the LYERS Newsletter.

Secretary's Report June 1990

By Steve Coan, KA7MOW

We have had some new members join the club these past few months. A hearty welcome to these fellow Hams: Warren Stipe, KB7BKQ, Larry Cronenwett, KA7WXN, Red Robert, AA7CP, John Mackey, KA0SSF, Deborah Erickson, KB7JFT, and Kevin Martin, N7MBJ.

The next major club activity will be Field Day from June 21-23. This will be held at the Banks Sunset Park. To get there, you take Hwy 26 west to the junction with Hwy 6. Take Hwy 6 to the Banks exit (at an overpass). The Sunset Park is visible from the overpass. Hope to see more members out this year.

Remember, anyone can run the radios, and we have a real need for both Novice and Technicians operators to run the Novice station (both code and voice?).

Don't forget that the OTVARC Travelers will be hosting both Friday and Saturday evening meals. You're all welcome out for the Saturday action and dinner.

Any late nighters out there? Field day runs 24 hours and there's always a need for nighttime operators. Minutes from the May Board and General meetings follow:

OTVARC BOARD MINUTES MAY 2, 1990

- I. Meeting brought to order 7:20PM (19:20)
- II. No minutes
- III. Late start since several board members not able to attend or were late
- IV. President's suggestion for approval
 - A. Organize an "Elmers" type of committee to aid Novice's at Field Day this year. This was approved.
 - B. President asked that each board member should donate some time in the OTVARC booth at Sea-Pac
- V. Banquet Program Review by Executive Board for the Sea-Pac Convention
 - A. Russian Sports
- VI. Scholarship
 - A. President confirmed attendance of Karl Shilke at the May General Meeting
- VII. OTVARC Brochure
 - A. President and Greg Milnes will prepare new brochures to hand out at the Sea-Pac Convention.
- VIII. No further business, meeting adjourned at 9:25PM (21:25)

OTVARC GENERAL MINUTES MAY 9, 1990

- I. Meeting brought to order 7:02PM (19:02)
- II. Introduction of guests
- III. Field Day
 - A. NOTE: Field day was NOT in the UPCOMING EVENTS column of the newsletter
 - B. Also, the Travelers outing is noted on the wrong weekend in June.
 - C. Both events occur on the weekend of the 22nd - 24th of June at the Banks Sunset Park
- IV. Scholarship Award Presentation of a plaque to Karl Shilke
- V. Hopkins Elementary School Space Shuttle Communications Program
 - A. May 21 in Sherwood
 - B. OTVARC Club trailer will be there to support and supply needed items
- VI. Bobbie Antons - Sea-Pac recognition for those who have volunteered
- VII. Clark County hosts "The Russians are Coming"
 - A. Wednesday May 30th, 7:30PM PUD Bldg, Vancouver WA.
- VIII. Sea-Pac Reports
 - A. Exhibitors sold out
 - B. Flea Market sold out
 - C. Banquet almost sold out
 - D. Approximately 1500 registrations, more coming in
- IX. Ray Deeth - Open Forum
 - A. Talk on establishing Elmers to help novices at Field Day and year round
- X. Club Repeater - Wes Allen's 146.90 machine
 - A. It is moving to Cooper Mountain by the June General Meeting.
- XI. Break before program at 7:47PM (19:47)

AMATEUR RADIO RELAY GROUP INC.

P.O. Box 10031, Portland, Oregon 97210

South Saddle Mountain

147.32 (+ Offset) Autopatch
449.225 (- Offset) 224.500 (- Offset)

Channel 6 TV Tower

147.04 (+ Offset) Autopatch
449.325 (- Offset)

Mount Hood

147.12 (+ Offset)

Full Dues \$20.00

Associate Dues \$12.00

ARRL Board Seeks Position On Codeless License

League officials met recently to consider the ARRL position on proposed changes to the Amateur Radio licensing structure. The "strawman" committee, appointed by President Larry Price, W4RA, on recommendation of the Executive Committee, was charged with weighing the League's position in light of the FCC's Notice of Proposed Rule Making on the subject (for the full text of PR90-55 see April QST page 38).

The League's board of directors now actively seeks input from all interested members. The board will consider this input, as well as the recommendations of the April 21 working group, to formulate a position.

The "strawman" committee consisted of five directors, First Vice President George Wilson III, W4OYI, and Executive Vice President David Sumner, K1ZZ. Among their recommendations to the board:

- * Reaffirmation that the Novice class license as a route of entry into Amateur Radio is absolutely essential.

- * Support for the incorporation of Novice testing into the accredited Volunteer Examiner system. This would permit examination elements earned in obtaining a Novice license to be used for credit toward upgrading, without retesting.

- * Pursuing rules changes to permit VECs to recoup examination expenses for Novice exams, provided that no fees are charged for any applicant under age 16.

- * Retention of the Technician class license as a distinct class of amateur license, and its continued availability to new applicants.

- * Clarification of the League's position with regard to Element 3A: that the existing Element 3A should be expanded by five questions (i.e., the pool should be expanded by 50 questions). Requirements for the Novice, Communicator, and Technician licenses would be as follows:

- 1) Novice: Elements 1A (5-wpm code) and 2 (30-question written);
- 2) Communicator: Elements 2 and 3A (30-question written);
- 3) Technician: Elements 1A, 2, and 3A;
- 4) Upgrading from Novice to Technician would require passing Element 3A;
- 5) Upgrading from Communicator to Technician would require passing Element 1A;

- * Certificates of Successful Completion should be issued to candidates who pass either Element 1A or Element 2 without qualifying for a license bypassing another element;

- * Frequency privileges for Communicators should be as proposed in RM-6995 (the League's original codeless license proposal). The FCC proposal of a 200-watt PEP output power limit for Communicators was acceptable to the working group. However, since the only difference between Communicator and Technician qualifications is the 5-wpm code test, the Committee could find no rationale for denying Communicators control operator privileges for repeater and auxiliary stations. Therefore, the Committee recommended the Board reconsider its position on this matter;

- * Technician licensees who have credit for Element 3B by virtue of having taken the old, 50-question Element 3 examination should retain this credit (permitting them to upgrade to General upon passing just the Element 1B 13-wpm code test);

- * In all other respects, the committee recommended there be no departures from the ARRL position as adopted in RM-6995. The recommendations of the committee are just that -- recommendations.

ARRL BULLETIN 20 ARLB020
FROM ARRL HEADQUARTERS
NEWINGTON CT
MAY 26, 1990

TO ALL RADIO AMATEURS

BALLOTS HAVE BEEN COUNTED IN RECENT
SECTION MANAGER ELECTIONS. THE FOLLOW-
ING HAVE BEEN DECLARED ELECTED TO
TERMS OFF OFFICE BEGINNING JULY 1, 1990.

IN ALASKA, HARLEY STEWARD, KL7IZZ.
IN INDIANA, PEGGY COULTER, W9JUI.
IN MAINE, JEFF WEINSTEIN, K1JW.
IN OREGON, RANDY STIMSON, KZ7T.
IN VERMONT, MITCH STERN, WB2JSJ.

THE FOLLOWING WERE UNCONTESTED AND
THEREFORE DECLARED ELECTED.

IN DELAWARE, BOB PEGRITZ, KC3TI.
IN ILLINOIS, SHARON HARLAN, WB9SFT.
IN SANTA CLARA, STEVE WILSON, KA6S.
IN WISCONSIN, RICHARD REGENT, K9GDF.

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Upcoming Events 1990

June 1, 2, 3	SEA-PAC Convention Seaside, Oregon	
June 22, 23, 24 Campout		OTVARC Travelers Field Day Site
June 22, 23, 24	Sunset Park Banks, Oregon	FIELD DAY
June 27	Project Night	
July 20, 21	OTVARC Travelers Campout (To be announced)	
July 25	Project Night	
August 11	High Cascade Ham Fair Mt. Bachelor, Bend, Oregon	
August 17, 18	OTVARC Travelers Campout Metzler Park	
August 29	Project Night	
September 14, 15	OTVARC Travelers Campout Fort Stevens State Park	
September 26	Project Night	
October 19, 20	OTVARC Travelers Campout	
October 31	Project Night	
November 16, 17	OTVARC Travelers Campout Depoe Bay (Thanksgiving)	

AMATEUR RADIO FIELD DAY JUNE 23 AND 24

Want to learn more about HAM Radio?

The Oregon Tualatin Valley Amateur Radio Club will be participating in the national Amateur Radio Field Day on Saturday, June 23 and Sunday, June 24. Several Ham Stations will be set up at Sunset Park in Banks, Oregon.

Come by and visit on Saturday between noon and 5 P.M. or Sunday between 8 A.M. and Noon. Children, Parents, friends and anyone else interested is welcome.

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

Executive Board

Feel free to contact the Board of OTVARC to answer any questions you may have on anything.

President:	Ray Deeth	K7VDQ	324-4502
Vice Pres:	Rick Schouweilder	KA5OLH	640-4281
Secretary:	Steve Coan	KA7MOW	646-5271
Treasurer:	Ken Gilbert	WR7D	292-3497
Trustee:	Al Berg	WB7SIC	640-5456
Trustee:	Lynn Hurd	WB7UNU	649-9152
Trustee:	Marty McKillip	KD7LA	644-9244
Trustee:	John Koenig	NB7W	641-3575
Trustee:	Greg Milnes	W7AGQ	648-6990

Other Club Contacts

Club Emergency Services Coordinator:
Vacant

Club Trailer / Club Equipment / Technical:

Dee Lynch	KA7NPN	646-4580
Terry Biggs	WB7CHK	648-3687

Contests:

John Koenig	NB7W	641-3575
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Health and Welfare:

Al Berg	WB7SIC	640-5456
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Public Service:

Randy Stimson	KZ7T	297-1175
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Newsletter:

Jeff Durr	KA7AKU	649-6832
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Project Night:

Terry Biggs	WB7CHK	648-3687
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The OVARC NEWSLETTER is published monthly by the Oregon Tualatin Valley Amateur Radio Club, Inc. The opinions, views and recommendations of its contributors are not necessarily those of the Club, it's officers, advertisers or the Editorial Staff. Articles or letters may be submitted to: Jeffrey A. Durr, KA7AKU, Editor, 20320 S.W. Clarion Street, Aloha, Oregon 97006. Deadline for all newsletter material is the 25th of the preceding month.

Meetings are held on the second Wednesday of each month at the Beaverton Elks Lodge, 3500 S.W. 104th Avenue, Beaverton, Oregon. Meetings begin at 7:00 P.M. following a buffet dinner served at 6:15 P.M.

All correspondence other than for this newsletter should be sent to: Oregon Tualatin Valley Amateur Radio Club, Post Office Box 5132, Aloha, Oregon 97006-0132.

OREGON TUALATIN VALLEY
AMATEUR RADIO CLUB

Upcoming Events
1990

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For more contact information, please refer to the back of this card or the back of the envelope.

President: Roy Gault	650-450-1111
Vice President: Rick S. Thompson	650-450-1111
Secretary: Steve Gault	650-450-1111
Treasurer: Mark Gault	650-450-1111
Director: Al Gault	650-450-1111
Trustee: Lynn Gault	650-450-1111
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Address Correction Requested

